2014 Consumer Confidence Report

Water System Name: ENVIROPLEX, INC Report Date: June 2015

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2014.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alquien que lo entienda bien.

Type of water source(s) in use: According to CDPH records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

Your water comes from 1 source(s): Well

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings currently are not held.

For more information about this report, or any questions relating to your drinking water, please call (209) 838 - 7842 and ask for Quality Service, Inc..

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for the contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for the contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system mush follow.

ND: not detectable at testing limit

ppm: parts per million or milligrams per liter (mg/L)

ppb: parts per billion or micrograms per liter (µg/L)

The sources of drinking water: (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants,* such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants,* such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides,* that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants,* including synthetic and volatile organic chemicals, that are by-products if industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants,* that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the California Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5 and 6 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The Department allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in last sample set)	**Sample Date**	**90th percentile level detected**	**No. Sites Exceeding AL**	**AL**	**PHG**	**Typical Sources of Contaminant**
Lead (ppb)	7 (2014)	20	2	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits
Copper (ppm)	7 (2014)	0.07	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Sodium (ppm)	(2011)	41	N/A	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	(2013)	109	N/A	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL [MRDL]**	**PHG (MCLG) [MRDLG]**	**Typical Sources of Contaminant**
Arsenic (ppb)	(2014)	ND	ND - 2	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes

Barium (ppm)	(2014)	0.14	N/A	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Hexavalent Chromium (ppb)	(2014)	4.4	N/A	10	0.02	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits.
Nitrate (ppm)	(2014)	9.3	N/A	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (ppm)	(2011)	15.3	N/A	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 4 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Chloride (ppm)	(2011)	178	N/A	500	n/a	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (umhos/cm)	(2013)	360	N/A	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (ppm)	(2011)	25	N/A	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	(2013)	230	N/A	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2013)	1.3	N/A	5	n/a	Soil runoff
Zinc (ppm)	(2011)	0.08	N/A	5	n/a	Runoff/leaching from natural deposits

Table 5 - DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**Notification Level**	**Typical Sources of Contaminant**
Vanadium (ppm)	(2014)	0.01	N/A	0.05	The babies of some pregnant women who drink water containing vanadium in excess of the action level may have an increased risk of developmental effects, based on studies in laboratory animals.

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts if some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead Specific Language for Community Water Systems: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and

components associated with the service lines and home plumbing. *Enviroplex Inc.* is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

About our Lead: Infants and children who drink water containing lead in excess of the action level may experience delays in their physical or mental development. Children may show slight deficits in attention span and learning abilities. Adults who drink this water over many years may develop kidney problems or high blood pressure.

About our Nitrate + Nitrite as N: Infants below the age of six months who drink water containing nitrate in excess of the MCL may quickly become seriously ill and, if untreated, may die because high nitrate levels can interfere with the capacity of the infant`s blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the oxygen-carrying ability of the blood of Pregnant women.

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Drinking Water Assessment Information

Assessment Information
A source water assessment was conducted for the WELL 01 of the ENVIROPLEX, INC water system in July, 2001.

Well - is considered most vulnerable to the following activities not associated with any detected contaminants:
Sewer collection systems

Acquiring Information
A copy of the complete assessment may be viewed at:
San Joaquin County
Environmental Health Division
304 E. Weber Ave, 3rd Floor
Stockton, CA 95202

You may request a summary of the assessment be sent to you by contacting:
Willy Ng, REHS
SJ Co Environmental Health Division
(209) 468-3448
wng@phs.hs.co.san-joaquin.ca.us

Enviroplex Inc.

Analytical Results By FGL - 2014

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Coliform Bacteria			0	5%	n/a			1	1 - 101.3
N/S Main Bldg. HB	STK1452095-4					2014-11-25	<1.0		
N/S Main Bldg. HB	STK1450859-3					2014-10-21	<1.0		
N/S Main Bldg. HB	STK1439997-2					2014-09-30	<1.0		
N/S Main Bldg. HB	STK1439772-3					2014-09-23	>200.5		
Office Breakroom H2O Dispenser	STK1451591-1					2014-11-12	<1.0		
Plant Bldg. D HB	STK1452095-3					2014-11-25	<1.0		
Plant Bldg. D HB	STK1450859-2					2014-10-21	<1.0		
Plant Bldg. D HB	STK1439997-3					2014-09-30	1		
Plant Bldg. D HB	STK1439772-2					2014-09-23	>200.5		
Shop Breakroom H2O Dispenser	STK1451591-3					2014-11-12	<1.0		
Shop Next to RR H2O Dispenser	STK1451591-2					2014-11-12	<1.0		
Site F-Main Plant Time Clock	STK1452971-3					2014-12-23	Absent		
Site G-Front Office Break Room	STK1452971-4					2014-12-23	Absent		
West Office Hosebib	STK1452970-1					2014-12-23	Absent		
West Office Hosebib	STK1452095-2					2014-11-25	<1.0		
West Office Hosebib	STK1452095-1					2014-11-25	<1.0		
West Office Hosebib	STK1450982-1					2014-10-28	Absent		
West Office Hosebib	STK1450859-1					2014-10-21	<1.0		
West Office Hosebib	STK1439997-1					2014-09-30	<1.0		
West Office Hosebib	STK1450006-1					2014-09-30	Absent		
West Office Hosebib	STK1439772-1					2014-09-23	101.3		
West Office Hosebib	STK1438647-1					2014-08-26	Absent		
West Office Hosebib	STK1437611-1					2014-07-29	Absent		
West Office Hosebib	STK1436195-1					2014-06-23	Absent		
West Office Hosebib	STK1434935-1					2014-05-27	Absent		
West Office Hosebib	STK1433823-1					2014-04-24	Absent		
West Office Hosebib	STK1432510-1					2014-03-24	Absent		
West Office Hosebib	STK1431626-1					2014-02-24	Absent		
West Office Hosebib	STK1430807-1					2014-01-27	Absent		

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Lead		ppb	0	15	0.2			19.8	4
CuPb-Kitchen	STK1437133-4	ppb				2014-07-11	ND		
CuPb-Mens Restroom	STK1437133-2	ppb				2014-07-11	ND		
CuPb-Outside #1 Faucet	STK1437133-1	ppb				2014-07-11	19.8		
CuPb-Outside #2 Faucet	STK1437133-3	ppb				2014-07-11	27.5		
CuPb-Paint Shop Mens RR Sink	STK1438623-1	ppb				2014-08-22	ND		
CuPb-Paint Shop Womens RR Sink	STK1438623-2	ppb				2014-08-22	ND		
CuPb-Womens Restroom	STK1437133-5	ppb				2014-07-11	ND		
Copper		ppm		1.3	.3			0.07	7
CuPb-Kitchen	STK1437133-4	ppm				2014-07-11	ND		
CuPb-Mens Restroom	STK1437133-2	ppm				2014-07-11	ND		
CuPb-Outside #1 Faucet	STK1437133-1	ppm				2014-07-11	ND		
CuPb-Outside #2 Faucet	STK1437133-3	ppm				2014-07-11	0.15		
CuPb-Paint Shop Mens RR Sink	STK1438623-1	ppm				2014-08-22	0.07		
CuPb-Paint Shop Womens RR Sink	STK1438623-2	ppm				2014-08-22	0.05		
CuPb-Womens Restroom	STK1437133-5	ppm				2014-07-11	ND		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		ppm		none	none			41	41 - 41
Well	STK1132385-1	ppm				2011-03-22	41		
Hardness		ppm		none	none			109	109 - 109
Well	STK1330553-1	ppm				2013-01-17	109		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ppb		10	0.004			ND	ND - 2
Treatment Vessel #1	STK1450858-1	ppb				2014-10-21	2		
Treatment Vessel #2	STK1450858-2	ppb				2014-10-21	ND		
Barium		ppm	2	1	2			0.14	0.14 - 0.14
Well	STK1452968-1	ppm				2014-12-23	0.14		
Hexavalent Chromium		ppb		10	0.02			4.4	4.4 - 4.4
Well	STK1452969-1	ppb				2014-12-23	4.4		
Nitrate		ppm		45	45			9.3	9.3 - 9.3
Well	STK1452968-1	ppm				2014-12-23	9.3		
Nitrate + Nitrite as N		ppm		10	10			15.3	15.3 - 15.3
Well	STK1132385-1	ppm				2011-03-22	15.3		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		ppm		500	n/a			178	178 - 178
Well	STK1132385-1	ppm				2011-03-22	178		
Specific Conductance		umhos/cm		1600	n/a			360	360 - 360
Well	STK1330553-1	umhos/cm				2013-01-17	360		
Sulfate		ppm		500	n/a			25	25 - 25
Well	STK1132385-1	ppm				2011-03-22	25		
Total Dissolved Solids		ppm		1000	n/a			230	230 - 230
Well	STK1330553-1	ppm				2013-01-17	230		
Turbidity		NTU		5	n/a			1.3	1.3 - 1.3
Well	STK1330553-1	NTU				2013-01-17	1.3		
Zinc		ppm		5	n/a			0.08	0.08 - 0.08
Well	STK1132385-1	ppm				2011-03-22	0.08		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Vanadium		ppm		NS	n/a			0.01	0.01 - 0.01
Well	STK1452968-1	ppm				2014-12-23	0.01		

Enviroplex Inc.

CCR Login Linkage - 2014

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
KIT	STK1437133-4	2014-07-11	Metals, Total	CuPb-Kitchen	Copper & Lead Monitoring
Mens RR	STK1437133-2	2014-07-11	Metals, Total	CuPb-Mens Restroom	Copper & Lead Monitoring
Otsde#1 Faucet	STK1437133-1	2014-07-11	Metals, Total	CuPb-Outside #1 Faucet	Copper & Lead Monitoring
Otsde#2 Faucet	STK1437133-3	2014-07-11	Metals, Total	CuPb-Outside #2 Faucet	Copper & Lead Monitoring
Paint Shop Mens	STK1438623-1	2014-08-22	Metals, Total	CuPb-Paint Shop Mens RR Sink	Copper & Lead Monitoring
Paint Shop WOME	STK1438623-2	2014-08-22	Metals, Total	CuPb-Paint Shop Womens RR Sink	Copper & Lead Monitoring
Womens RR	STK1437133-5	2014-07-11	Metals, Total	CuPb-Womens Restroom	Copper & Lead Monitoring
N/S Main Bldg.	STK1439772-3	2014-09-23	Coliform	N/S Main Bldg. HB	Bacteriological Sampling
	STK1439997-2	2014-09-30	Coliform	N/S Main Bldg. HB	Bacteriological Sampling
	STK1450859-3	2014-10-21	Coliform	N/S Main Bldg. HB	Bacteriological Sampling
	STK1452095-4	2014-11-25	Coliform	N/S Main Bldg. HB	Bacteriological Sampling
Office BRKRM	STK1451591-1	2014-11-12	Coliform	Office Breakroom H2O Dispenser	Water Dispenser
PlantBldg.D HB	STK1439772-2	2014-09-23	Coliform	Plant Bldg. D HB	Bacteriological Sampling
	STK1439997-3	2014-09-30	Coliform	Plant Bldg. D HB	Bacteriological Sampling
	STK1450859-2	2014-10-21	Coliform	Plant Bldg. D HB	Bacteriological Sampling
	STK1452095-3	2014-11-25	Coliform	Plant Bldg. D HB	Bacteriological Sampling
Shop Breakroom	STK1451591-3	2014-11-12	Coliform	Shop Breakroom H2O Dispenser	Water Dispenser
Shop Next	STK1451591-2	2014-11-12	Coliform	Shop Next to RR H2O Dispenser	Water Dispenser
SITE F MAIN/TIM	STK1452971-3	2014-12-23	Coliform	Site F-Main Plant Time Clock	Water Filter Macines
SITE G OFFICE	STK1452971-4	2014-12-23	Coliform	Site G-Front Office Break Room	Water Filter Macines
Treatment #1	STK1450858-1	2014-10-21	Metals, Total	Treatment Vessel #1	Arsenic Monitoring
Treatment #2	STK1450858-2	2014-10-21	Metals, Total	Treatment Vessel #2	Arsenic Monitoring
Well	STK1132385-1	2011-03-22	General Mineral	Well	4801 Carpenter Road
Well 1	STK1330553-1	2013-01-17	Wet Chemistry	Well	Well 1 Monitoring
	STK1330553-1	2013-01-17	Metals, Total	Well	Well 1 Monitoring
WELL01	STK1452968-1	2014-12-23	Metals, Total	Well	Water Monitoring
	STK1452968-1	2014-12-23	Wet Chemistry	Well	Water Monitoring
	STK1452969-1	2014-12-23	Wet Chemistry	Well	Chrome 6 Monitoring
West Office HB	STK1430807-1	2014-01-27	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1431626-1	2014-02-24	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1432510-1	2014-03-24	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1433823-1	2014-04-24	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1434935-1	2014-05-27	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1436195-1	2014-06-23	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1437611-1	2014-07-29	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1438647-1	2014-08-26	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1439772-1	2014-09-23	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1450006-1	2014-09-30	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1439997-1	2014-09-30	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1450859-1	2014-10-21	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1450982-1	2014-10-28	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1452095-1	2014-11-25	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1452095-2	2014-11-25	Coliform	West Office Hosebib	Bacteriological Sampling
	STK1452970-1	2014-12-23	Coliform	West Office Hosebib	Bacteriological Sampling